Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4464	327/141,143,147,148,156,157,164, 165.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/20 10:54
L2	3381	375/371,374,375,376.ccls.	US-PGPUB; USPAT	OR	ON	2005/12/20 10:54
L3	643	(generat$3 near2 (current or charge) or charge adj1 pump$3) same ((adjust$4 or detect$3) near1 (frequency same phase))	US-PGPUB; USPAT	OR	ON	2005/12/20 10:55
L4	0	((switch$3) near3 (on and off)) same ((loop) near3 (filter$3 or equalizer)) same (charge near3 pump$3)	US-PGPUB; USPAT	OR	ON	2005/12/20 10:58
L5	704	((switch$3 or alternat$3)) same ((loop) near3 (filter$3 or equalizer)) same (charge near3 pump$3)	US-PGPUB; USPAT	OR	ON	2005/12/20 10:58
L6	573	((switch$3 or alternat$3 near2 mode)) same ((loop) near3 (filter$3 or equalizer)) same (charge near3 pump$3)	US-PGPUB; USPAT	OR	ON	2005/12/20 11:06
L7	209	1 and 6	US-PGPUB; USPAT	OR	ON	2005/12/20 10:59
L8	32	2 and 7	US-PGPUB; USPAT	OR	ON	2005/12/20 10:59
L9	22	((switch$3 or alternat$3 near2 mode)) same ((dual or multiple or cascad$3) with ((loop) near3 (filter$3 or equalizer))) same (charge near3 pump$3)	US-PGPUB; USPAT	OR	ON	2005/12/20 11:12
L10	26	((switch$3 or alternat$3 near2 mode or select$3)) same ((dual or multiple or cascad$3) with ((loop) near3 (filter$3 or equalizer))) same (charge near3 pump$3)	US-PGPUB; USPAT	OR	ON	2005/12/20 11:14
L11	4	10 not 9	US-PGPUB; USPAT	OR	ON	2005/12/20 11:13
L12	93	((switch$3 or alternat$3 near2 mode or select$3)) same ((dual or multiple or cascad$3) same ((loop) near3 (filter$3 or equalizer))) same (charge near3 pump$3)	US-PGPUB; USPAT	OR	ON	2005/12/20 11:15
L13	33	1 and 12	US-PGPUB; USPAT	OR	ON	2005/12/20 11:15
L14	29	13 not 10	US-PGPUB; USPAT	OR	ON	2005/12/20 11:15
L15	4	("4156855" | "5590157" | "6111470" | "6842399").PN. OR ("6906565").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 11:28

L17	0	(charge near2 pump$3) with ((cascad$3 or multiple or plural$3) with (filter or equalizer) near2 (series)) same (switch or select$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 11:30
L18	2	(operat$3 with charge near2 pump$3) with ((cascad$3 or multiple or plural$3) same (loop near2 filter or equalizer)) same (switch or select$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/20 11:31
S1	6	HSIEH-YI-BIN.in.	US-PGPUB; USPAT	OR	ON	2005/08/05 10:21
S2	16	LIN-JYH-FONG.in.	US-PGPUB; USPAT	OR	ON	2005/08/03 10:50
S3	14	LIN-HSIN-CHIEH.in.	US-PGPUB; USPAT	OR	ON	2005/08/03 10:51
S4	9	S3 not S2	US-PGPUB; USPAT	OR	ON	2005/08/03 12:12
S5	35	(generat$3 near1 output adj1 signal) same (filter with capacitor or low near1 filter with capacitor) same (oscillat$3 or "vco" or voltage adj1 control adj1 oscillat$3)	US-PGPUB; USPAT	OR	ON	2005/08/03 12:14
S6	586	(generat$3 near2 (current or charge) or charge adj1 pump$3) same ((adjust$4 or detect$3) near1 (frequency same phase))	US-PGPUB; USPAT	OR	ON	2005/12/20 10:54
S7	5	S5 and S6	US-PGPUB; USPAT	OR	ON	2005/08/03 12:20
S8	39185	switch near2 current	US-PGPUB; USPAT	OR	ON	2005/08/03 12:21
S9	105664	switch near2 circuit	US-PGPUB; USPAT	OR	ON	2005/08/03 12:21
S10	101	S6 and S9	US-PGPUB; USPAT	OR	ON	2005/08/03 12:21
S11	60049	filter same capacitor	US-PGPUB; USPAT	OR	ON	2005/08/03 12:21
S12	79	S10 and S11	US-PGPUB; USPAT	OR	ON	2005/08/03 12:21
S13	317895	oscillat$3	US-PGPUB; USPAT	OR	ON	2005/08/03 12:21
S14	77	S12 and S13	US-PGPUB; USPAT	OR	ON	2005/08/03 12:22
S15	14805	charge near1 pump$3	US-PGPUB; USPAT	OR	ON	2005/08/03 12:22
S16	77	S14 and S15	US-PGPUB; USPAT	OR	ON	2005/08/03 12:22

S17	373	(filter or equali$3 same capacitor) same (switch near1 circuit or dual near1 operat$3) same (oscillat$3 or "vco" or voltage near2 oscillat$3)	US-PGPUB; USPAT	OR	ON	2005/08/04 12:02
S18	373	(filter or equali$3 same capacitor) same (switch near1 circuit or dual near1 operat$3) same (oscillat$3 or "vco" or voltage near2 oscillat$3)	US-PGPUB; USPAT	OR	ON	2005/08/05 10:23
S19	570	455/3.04,255,262,265.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/04 12:02
S20	4	S18 and S19	US-PGPUB; USPAT	OR	ON	2005/08/04 12:03
S21	379	(filter or equali$3) same (switch near1 circuit or dual near1 operat$3) same (oscillat$3 or "vco" or voltage near2 oscillat$3)	US-PGPUB; USPAT	OR	ON	2005/08/04 12:06
S22	4	S19 and S21	US-PGPUB; USPAT	OR	ON	2005/08/04 12:06
S24	361	329/346,358,360.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/04 12:07
S25	1	S21 and S24	US-PGPUB; USPAT	OR	ON	2005/08/04 12:07
S26	588	(generat$3 near2 (current or charge) or charge adj1 pump$3) same ((adjust$4 or detect$3) near1 (frequency same phase))	US-PGPUB; USPAT	OR	ON	2005/08/05 10:23
S27	1	S21 and S26	US-PGPUB; USPAT	OR	ON	2005/08/04 12:13
S30	2327	(charg$3 adj1 current or generat$3 near2 current or charge adj1 pump$3)same (phase adj1 differen$3)	US-PGPUB; USPAT	OR	ON	2005/08/04 12:36
S31	29	S21 and S30	US-PGPUB; USPAT	OR	ON	2005/08/04 12:37
S33	24264	"331"/.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/05 10:21
S34	· 588	(generat$3 near2 (current or charge) or charge adj1 pump$3) same ((adjust$4 or detect$3) near1 (frequency same phase))	US-PGPUB; USPAT	OR	ON	2005/08/05 10:23
S35	373	(filter or equali$3 same capacitor) same (switch near1 circuit or dual near1 operat$3) same (oscillat$3 or "vco" or voltage near2 oscillat$3)	US-PGPUB; USPAT	OR	ON	2005/12/14 13:06
S37	198	S33 and S34	US-PGPUB; USPAT	OR	ON	2005/08/05 10:23
S39	443	((charg$3 same discharg$3) same capacitor) same (charge same pump$3) same (filter)	US-PGPUB; USPAT	OR	ON	2005/08/05 10:31

S40	318298	oscillat$3	US-PGPUB; USPAT	OR	ON	2005/08/05 10:31
S41	394	S39 and S40	US-PGPUB; USPAT	OR	ON	2005/08/05 10:31
S42	44760	(data or clock) same recovery	US-PGPUB; USPAT	OR	ON	2005/08/05 10:32
S43	62	S41 and S42	US-PGPUB; USPAT	OR	ON	2005/08/05 11:36
S44	3575	375/371,374,375,373,376.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/05 11:37
S45	17	S35 and S44	US-PGPUB; USPAT	OR	ON	2005/08/05 11:37
S46	40680	(cascad$3 or multiple or dual) with (filter or equalizer)	US-PGPUB; USPAT	OR	ON	2005/12/14 13:06
S47	1813	(first or "1st") near2 (filter or equalizer) same (switch or electric near2 switch) same (second or "2nd") near3 (filter or equalizer)	US-PGPUB; USPAT	OR	ON	2005/12/14 13:08
S48	202897	(adjust$4 or fix$3) with (phase or frequency)	US-PGPUB; USPAT	OR	ON	2005/12/14 13:09
S49	6968	charge adj1 pump and oscillator	US-PGPUB; USPAT	OR	ON	2005/12/14 13:09
S50	563	S47 and S48	US-PGPUB; USPAT	OR	ON	2005/12/14 13:10
S51	34	S49 and S50	US-PGPUB; USPAT	OR	ON	2005/12/14 13:16
S52	10578	clock near2 recover$3	US-PGPUB; USPAT	OR	ON	2005/12/14 13:10
S53	3	S51 and S52	US-PGPUB; USPAT	OR	ON	2005/12/14 13:10
S54	9	"5047733"	US-PGPUB; USPAT	OR	ON	2005/12/14 13:16
S55	10	("4516083" | "4745372" | "4752749").PN. OR ("5047733"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 13:16
S56	24	("4562410" | "4980652" | "5047733").PN. OR ("5389899"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 13:22
S57	187600	"375"/ "226,229,232,233,236,355, 359,371,374,375,376".ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 13:26
S58	251	S47 and S57	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 13:26
S59	98	S48 and S58	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 13:26

S60	7	S49 and S59	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 13:26